

National Marine Fisheries Service

SOUTHWEST REGION

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Terminal Island, CA 90731



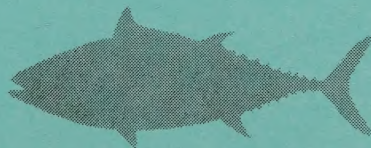
SOUTHWEST REGION

COMMERCIAL FISHERY STATISTICS

1984

by

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ADMINISTRATIVE REPORT SWR-85-7



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SOUTHWEST REGION
COMMERCIAL FISHERY STATISTICS
1984

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CONTENTS

COMMERCIAL FISHERIES LANDINGS AND VALUE,.....	1
U.S. AND SOUTHWEST REGION, 1984	
CALIFORNIA MAJOR FISHERIES BY AREA, 1984.....	5
LANDINGS AND VALUE	
CALIFORNIA VESSELS AND EMPLOYMENT.....	7
INSULAR FISHERIES.....	8
CANNED TUNA INDUSTRY.....	11
IMPORTS (EDIBLE FISHERY PRODUCTS).....	13
EXPORTS (EDIBLE FISHERY PRODUCTS).....	14

TABLES

- TABLE 1. CALIFORNIA MAJOR FISHERIES, 1984 LANDINGS AND VALUE WITH COMPARISONS
- TABLE 2. CALIFORNIA MAJOR FISHERIES BY AREA LANDINGS AND EXVESSEL VALUE
- TABLE 3. MAJOR CALIFORNIA PORTS COMMERCIAL FISHERY LANDINGS AND VALUE, 1983-1984
- TABLE 4. CALIFORNIA MAJOR FISHERIES, 1984 (VESSELS AND EMPLOYMENT)
- TABLE 5. 1984 LANDINGS AND VALUE WITH COMPARISONS (HAWAII)
- TABLE 6. 1984 LANDINGS AND VALUE (AMERICAN SAMOA, GUAM, CNMI)
- TABLE 7. WEIGHTED AVERAGE EXVESSEL PRICE FOR CANNERY FISH
- TABLE 8. CANNERY RECEIPTS
- TABLE 9. CASE PACK
- TABLE 10. 1984 IMPORTS OF EDIBLE FISHERY PRODUCTS THROUGH CALIFORNIA AND HAWAII PORTS
- TABLE 11. 1984 EXPORTS OF EDIBLE FISHERY PRODUCTS THROUGH CALIFORNIA AND HAWAII PORTS

FIGURES

- FIGURE 1. 1984 U.S. AND PACIFIC INSULAR COMMERCIAL FISHERIES
- FIGURE 2. 1984 WEST COAST FISHERIES LANDINGS AND VALUE
- FIGURE 3. 1984 INSULAR FISHERIES LANDINGS AND VALUE

COMMERCIAL FISHERIES
LANDINGS AND VALUE

United States commercial fishery landings at ports in the 50 states were 6.4 billion pounds valued at \$2.4 billion in 1984. Landings increased 0.9 million pounds compared to 1983, but decreased \$5.0 million in value. Increased landings of clams, salmon, and shrimp offset declines in landings of menhaden, anchovies, flounder, and rockfish.

In 1984, commercial fishery landings at California and Hawaii ports totaled 494.0 million pounds valued at \$206.0 million. Landings at California and Hawaii ports comprised 7.7 percent of the national volume and 8.8 percent of the national dollar value.

The 1984 California commercial fishery landings were 459.2 million pounds valued at \$176.6 million. Landings were down 69.7 million pounds (13 percent) while the value decreased \$30.2 million (15 percent) compared to 1983. Most of the decrease in landings and value was attributable to tuna cannery closures and slow downs. The Ralston Purina "Van Camp" cannery in San Diego shut down in late June, and the Star Kist cannery in Terminal Island stopped packing tuna in October. Tuna landings in California were down 64.8 million pounds, while tuna exvessel value dropped \$28.7 million compared to 1983.

Roe herring landings dropped to 8.5 million pounds in 1984 (down 9.2 million) with a value of \$1.9 million (down \$10.7 million). The El Nino condition was blamed by some for very poor returns of spawning herring to San Francisco Bay during the 1983/84 season. Returns for the 1984/85 season were much improved and will show up in the 1985 landings data.

On the plus side, California swordfish landings were a record 4.4 million pounds valued at \$11.7 million. The fishery, now dominated by gillnet vessels, was California's third most valuable after tuna and groundfish.

Though landings and values of groundfish, salmon, dungeness crab, and shrimp were all up slightly in 1984, landings in these four fisheries all were below the average of the past five years. Strict limits to conserve depleted stocks were necessary in the groundfish and salmon fisheries. Trip limits were in effect throughout the year for widow rockfish and rockfish of the Sebastes complex, and regulations prohibited any coho salmon catch south of Point Arena. Groundfish landings mainly consisted of rockfish (38.3 million pounds), sole (26.5 million pounds), and sablefish (10.6 million pounds). Though total salmon landings were up only 0.6 million pounds, the value was up a substantial \$3.3 million. The dungeness crab resource remained depressed with landings nearly identical to 1983 (5.3 million compared to 5.2 million pounds), but the average exvessel price did climb from \$1.53 per pound to \$1.58 per pound. Landings of Pacific ocean shrimp were up 0.5 million pounds (total 1.6 million pounds) in 1984, but markets were very weak and the average exvessel price dropped from \$0.78 in 1983 to \$0.47 in 1984.

Commercial landings for insular fisheries (including Hawaii, American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands) were an estimated 321.6 million pounds valued at \$142.4 million in 1984. Most landings in Guam and the CNMI were tuna for transshipment, while the majority of landings in American Samoa were tuna destined for processing by the two canneries on the island. Hawaiian commercial fishery landings were an estimated 34.4 million pounds valued at \$29.4 million in 1984. Landings were up 4.1 million pounds and \$9.5 million in value compared to 1983. Tuna landings were up slightly (28.6 million pounds) with practically no change in value (\$16.7 million) compared to 1983. Large increases in landings and value were recorded in the spiny lobster, shrimp, and groundfish fisheries.

FIGURE 1.

1984

U.S. AND PACIFIC INSULAR COMMERCIAL FISHERIES

VOLUME OF LANDINGS (THOUSAND POUNDS)
EXVESSEL VALUE (THOUSAND DOLLARS)

U.S. AND PACIFIC INSULAR TOTALS

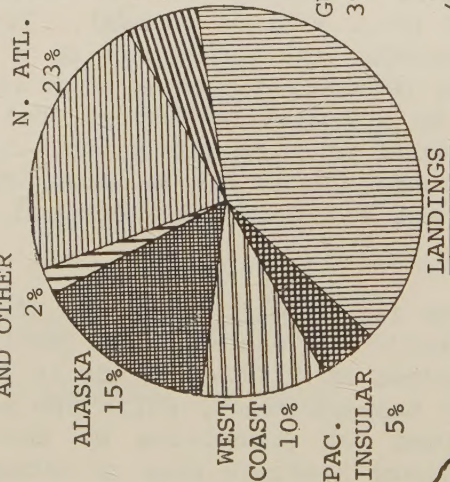
LANDINGS 6,725,041

VALUE \$2,463,446

ALASKA
LANDINGS 1,002,909
VALUE \$509,254

GREAT LAKES
AND OTHER STATES
LANDINGS 145,765
VALUE \$39,263

WEST COAST
LANDINGS 697,998
VALUE \$285,975



GR. LAKES
AND OTHER
2%

N. ATL.
27%

GR. LAKES
AND OTHER
2%

ALASKA
21%

S. ATL.
6%

WEST
COAST
12%

PAC. INSULAR
6%

VALUE

GULF
LANDINGS 2,643,571
VALUE \$655,771

SOUTH ATLANTIC
LANDINGS 401,810
VALUE \$149,858

NORTH ATLANTIC
LANDINGS 1,510,906
VALUE \$680,939

PACIFIC INSULAR¹⁾
LANDINGS 322,082
VALUE \$142,386

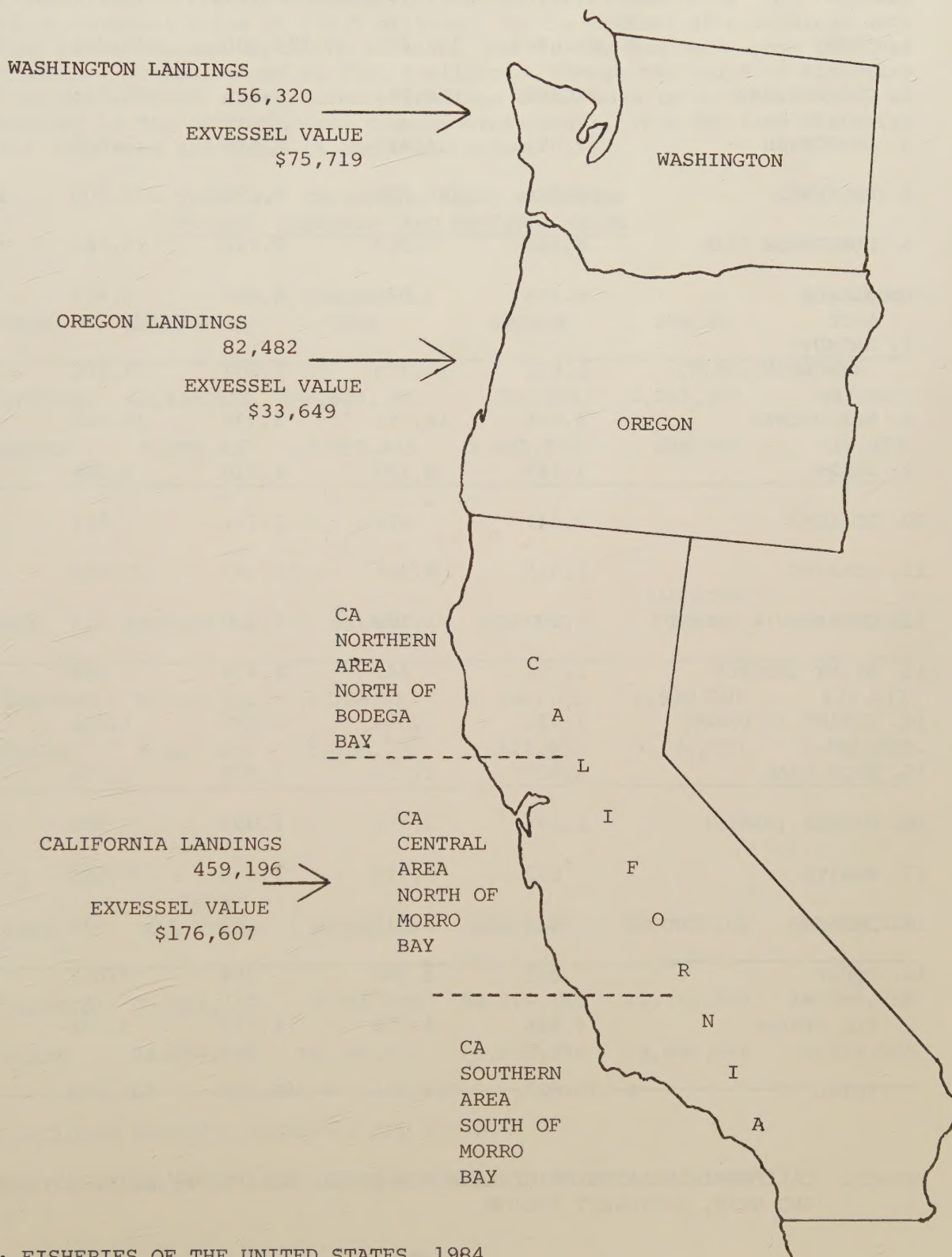
¹⁾ PACIFIC INSULAR INCLUDES HAWAII, GUAM, AMERICAN SAMOA, AND THE COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS. LANDINGS INCLUDE TUNA TRANSSHIPMENTS.

FIGURE 2.

1984 WEST COAST FISHERIES

LANDINGS AND VALUE

(THOUSAND POUNDS, THOUSAND DOLLARS)



SOURCE: FISHERIES OF THE UNITED STATES, 1984

TABLE 1. CALIFORNIA MAJOR FISHERIES
1984 LANDINGS AND VALUE WITH COMPARISONS

SPECIES	<u>1984</u>		<u>1983</u>		5 YEAR AVERAGE 1979-1983 POUNDS
	EXVESSEL DOLLAR VALUE	POUNDS	EXVESSEL DOLLAR VALUE	POUNDS	
	THOUSANDS.....				
1. TUNA	\$ 86,066	175,422	\$ 114,786	240,211	302,052
2. GROUND FISH	22,608	88,963	21,596	86,335	95,792
3. SWORDFISH	11,651	4,430	6,626	2,602	1,433
4. MACKEREL	9,574	116,749	9,699	112,500	111,655
5. DUNGENESS CRAB	8,388	5,313	7,942	5,181	9,768
6. SALMON	8,003	2,974	4,698	2,407	6,228
7. ANCHOVY (INCLUDES BAIT)	5,621	17,774	5,803	21,500	92,762
8. SEA URCHIN	3,575	14,753	3,338	15,808	20,215
9. SHARK	2,543	3,195	2,220	3,086	3,335
10. ABALONE	2,441	823	1,717	831	1,058
11. HERRING	1,931	8,482	12,623	17,658	16,061
12. CALIFORNIA HALIBUT	1,930	1,100	1,738	1,113	987
13. SPINY LOBSTER	1,750	441	1,835	484	460
14. SHRIMP (& PRAWN)	1,514	2,314	1,492	1,395	3,915
15. ROCK CRAB	1,400	1,650	1,098	1,336	1,189
16. OYSTER (MEATS)	1,294	1,174	1,091	990	1,014
17. BONITO	832	6,179	1,373	7,505	9,750
18. CROAKER	335	1,539	197	716	942
19. SQUID	305	1,243	754	4,003	33,510
ALL OTHERS	4,846	4,678	6,172	3,284	3,806
TOTAL	\$ 176,607	459,196	\$ 206,798	528,945	715,932

SOURCE: CALIFORNIA DEPARTMENT OF FISH AND GAME, PRELIMINARY DATA. (3-14-85)
AND NMFS, SOUTHWEST REGION

CALIFORNIA MAJOR FISHERIES BY AREA
1984

To show the importance of the major fisheries to different areas of the California coast, landings and values were divided into a northern area (north of Bodega Bay) a central area (north of Morro Bay to Bodega Bay), and a southern area (south of Morro Bay). Total landings in the northern area were 51.2 million pounds with an exvessel value of \$20.5 million. In the central area landings were 85.0 million pounds valued at \$24.8 million, and in the southern area landings were 322.6 million pounds valued at \$131.2 million. Though the value of fisheries is lowest in the northern area, fishery landings still make up a larger share of the area economy in the northern area than in other areas. The top five fisheries by value for each area are shown in the table below.

TABLE 2. CALIFORNIA MAJOR FISHERIES
BY AREA LANDINGS AND EXVESSEL VALUE

NORTHERN AREA	GROUND FISH	DUNGENESS CRAB	SALMON	SHRIMP	ALBACORE TUNA
LANDINGS (POUNDS)	42,116,710	4,629,186	799,209	1,361,207	993,967
VALUE (DOLLARS)	9,304,437	7,017,445	2,043,010	618,020	519,479

CENTRAL AREA	GROUND FISH	SALMON	HERRING	ALBACORE TUNA	SWORDFISH
LANDINGS (POUNDS)	34,127,202	2,126,637	8,334,765	2,930,305	633,611
VALUE (DOLLARS)	8,607,464	5,800,736	1,872,436	1,534,951	1,443,699

SOUTHERN AREA	TUNA ALL TYPES	SWORDFISH	WETFISH*	GROUND FISH	SEA URCHIN
LANDINGS (POUNDS)	76,852,427	3,795,929	90,418,160	12,713,588	14,686,254
VALUE (DOLLARS)	84,008,946	10,207,417	8,519,326	4,696,011	3,551,638

* WETFISH INCLUDES ANCHOVY, MACKEREL, AND SQUID.

SOURCE: CALIFORNIA DEPT. OF FISH AND GAME, PRELIMINARY DATA, (3-14-85)

TABLE 3. MAJOR CALIFORNIA PORTS
COMMERCIAL FISHERY LANDINGS AND VALUE

1983-1984

PORT AREA	1984 NATIONAL RANKING BY EXVESSEL VALUE	1984	1983
		LANDINGS & EXVESSEL VALUEMILLION POUNDS.....MILLION DOLLARS.....	LANDINGS & EXVESSEL VALUE
LOS ANGELES	2	237.0 \$ 84.6	262.3 \$ 85.1
SAN DIEGO	22	43.6 \$ 20.1	84.6 \$ 37.5
SAN FRANCISCO (BAY AREA)	43	22.4 \$ 9.2	42.0 \$ 22.2
EUREKA	45	22.5 \$ 8.6	21.9 \$ 7.0
CRESCENT CITY	46	15.9 \$ 7.0	14.5 \$ 8.1
SANTA BARBARA	53	10.1 \$ 5.6	9.3 \$ 4.3
FORT BRAGG	*	12.7 \$ 4.3	14.4 \$ 4.2
MONTEREY	*	30.3 \$ 3.6	17.6
PORT HUENEME OXNARD/VENTURA	*	9.4 \$ 3.2	22.7 \$ 3.7

* NOT RANKED IN 1984

SOURCE: "FISHERIES OF THE UNITED STATES, 1984"
AND NMFS, SOUTHWEST REGION

VESSELS AND EMPLOYMENT

Data on the number of California vessels making landings by fishery is generally not yet available for 1984. The table below gives the best figures available at this time for California's major fisheries. It should be remembered that many vessels and fishermen participate in more than one fishery. A total of 7,046 commercial fishing vessels were registered by the state of California for the 1984/85 season. It is not yet known how many actually fished. The number of fishermen given in the table below was estimated by multiplying number of vessels by the average crew size for each type of vessel.

Data on employment in the seafood processing industry is collected by an annual NMFS survey of individual companies. Survey response is voluntary and employment at some plants is estimated. Three major types of processing make up most of the employment in the state of California. In southern California tuna canneries employed an average 2,275 in 1984 (down 1,900 compared to 1983). In the Los Angeles area processors of (mostly imported) fish fillets, portions, fish sticks, and breaded shrimp employed an average of about 650. In northern California the major processors which combine processing mostly groundfish, salmon, crab, and shrimp employed an average of about 1,100.

TABLE 4. CALIFORNIA MAJOR FISHERIES, 1984

FISHERY	NUMBER OF VESSELS	ESTIMATED NUMBER OF FISHERMEN	NUMBER OF PROCESSING EMPLOYEES
TUNA:			
ALBACORE	300 to 600 varies greatly year to year	2 per vessel	Average of 2,275 cannery employees
OTHER TUNA	130 purse seine/ and baitboat (entire U.S. fleet)	1,820	
GROUNDFISH	171 trawlers *32 pot vessels other types N/A	665 for otter trawls	
SWORDFISH	265 gillnet permits 359 harpoon permits	3 per vessel 2 per vessel	
"WETFISH" (ANCHOVY, MACKEREL, SQUID)	*117-159 Includes seine, lampara, and dipnet	1,100	
DUNGENESS CRAB	*557	2,146	Processing in all sectors besides tuna canning employed an average of 2,650 in 1983. Not all returns are in from the 1984 survey, but employment appears to be up slightly compared to 1983.
SALMON	2,570 permits issued	5,910	
SEA URCHIN	225	675	
HERRING	440	880	
SHRIMP	*54	133	

* 1983 data used

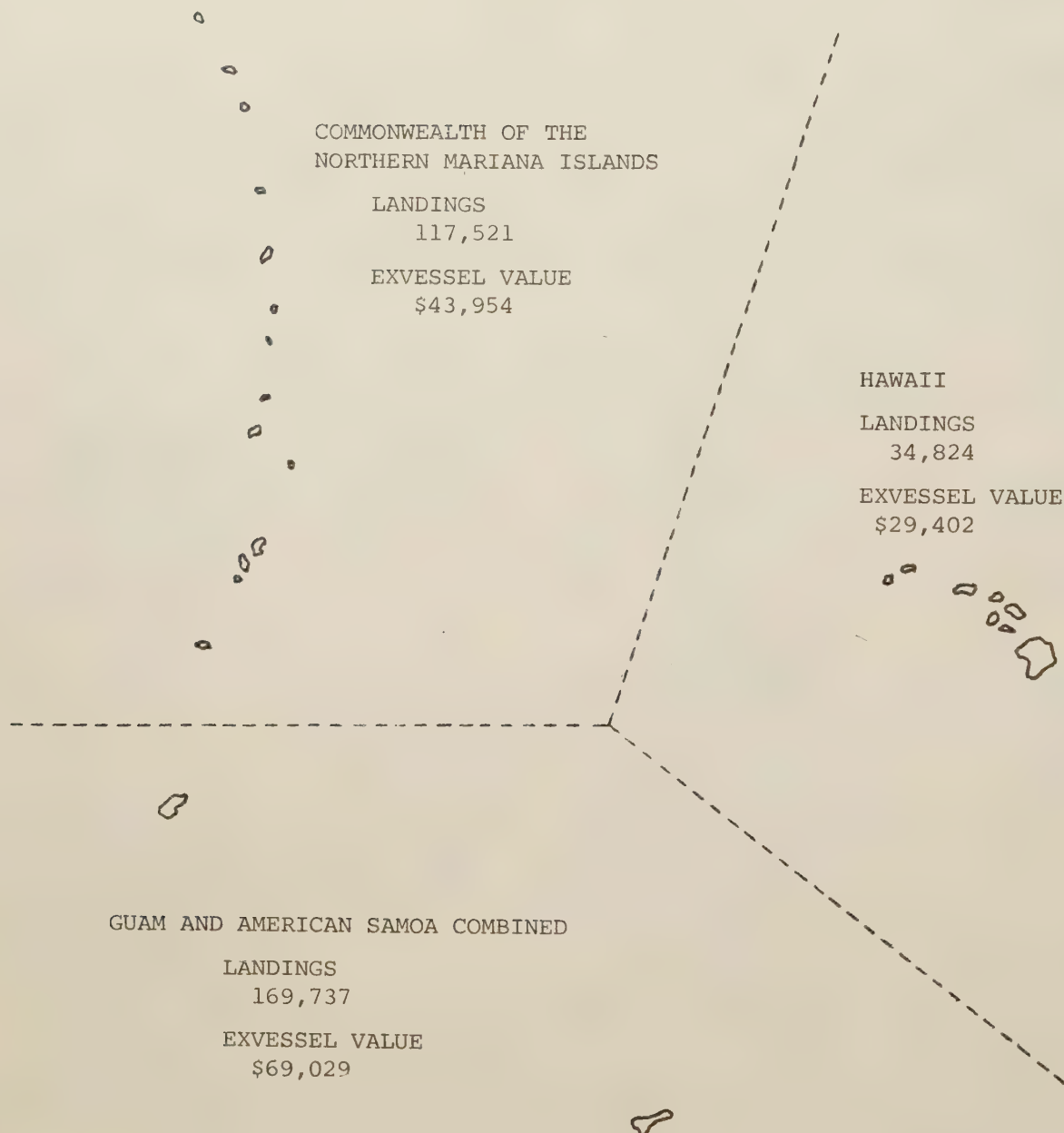
SOURCE: NMFS, Southwest Region, Industry Analysis and Information Section

FIGURE 3.

1984 INSULAR FISHERIES

LANDINGS AND VALUE¹

(THOUSAND POUNDS, THOUSAND DOLLARS)



¹ LANDINGS INCLUDE TUNA TRANSSHIPMENTS BY U.S. FLAG VESSELS.
GUAM AND AMERICAN SAMOA ARE COMBINED TO PROTECT CONFIDENTIAL DATA.

INSULAR FISHERIES

HAWAII

TABLE 5. 1984 LANDINGS AND VALUE WITH COMPARISONS

SPECIES	1984		1983		5 YEAR AVG. 1979-1983 POUNDS
	EXVESSEL DOLLAR VALUE	POUNDS	EXVESSEL DOLLAR VALUE	POUNDS	
.....THOUSANDS.....					
MARLIN	\$ 400	500	included in other		
TUNA:					
ALBACORE	\$ 628	1,049	\$ 1,402	2,213	2,079
BIGEYE	\$ 52	121	\$ 21	10	143
SKIPJACK	\$ 8,727	18,789	\$ 6,088	13,917	6,516
YELLOWFIN	\$ 7,322	8,625	\$ 7,384	11,485	4,253
OTHER FISH	\$ 8,400	4,400	\$ 3,592	2,252	2,960
TOTAL FISH	\$25,529	33,484	\$18,487	29,877	15,951
LOBSTER, SPINY	\$ 1,696	640	\$ 492	76	294
SHRIMP (heads on)	\$ 1,360	400	\$ 801	300	99
OTHER SHELLFISH	\$ 817	300	\$ 155	93	87
TOTAL SHELLFISH	\$ 3,873	1,340	\$ 1,448	469	480
TOTAL FISH AND					
SHELLFISH	\$29,402	34,824	\$19,935	30,346	16,431

The latest available data on number of firms and employment in the Hawaii and Guam seafood wholesaling and processing industry are for 1983. From the 1983 NMFS survey, 21 Hawaii and Guam processing plants were counted which employed a seasonal high of 560 and an average of 437. The majority of the total were employed by the tuna cannery in Hawaii (which has ceased operations in 1985). Wholesale plants counted in the survey numbered 34 with an average of 218 employees. The value of products processed in Hawaii and Guam in 1983 was \$31.3 million.

According to the "State of Hawaii Data Book, 1983" (latest available) there were 2,480 licensed commercial fishermen in 1982. There were 147 motor fishing vessels over 5 tons, and 1,175 less than 5 tons in 1981.

AMERICAN SAMOA, GUAM, AND THE COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS (CNMI)

TABLE 6. 1984 LANDINGS AND VALUE ^{1/}

TABLE 6. 1984 LANDINGS AND VALUE				
SPECIES	AMERICAN SAMOA	GUAM	CNMI	TOTAL
	Thousand Pounds.....			
	Thousand Dollars Exvessel.....			
CANNERY TUNA INCLUDING TRANSSHIPMENT:				
	***	***	***	210,766
SKIPJACK	***	***	***	\$ 77,802
	***	***	***	75,515
YELLOWFIN	***	***	***	\$ 33,956
	***	***	***	286,281
SUB-TOTAL	***	***	***	\$111,758
NON-CANNERY:				
	45	6	17	68
BOTTOMFISH	\$ 71	\$ 11	\$ 30	\$ 112
	1	20	6	27
MAHI-MAHI	\$ 2	\$ 31	\$ 6	\$ 39
	5	30	1	36
MARLIN	\$ 2	\$ 30	\$ 1	\$ 33
	2	18	104	124
REEF FISH	\$ 3	\$ 34	\$159	\$ 196
	12	11	13	36
SNAPPER	\$ 25	\$ 21	\$ 24	\$ 70
	87	57	233	377
SKIPJACK TUNA	\$ 43	\$ 56	\$217	\$ 316
	43	39	16	98
YELLOWFIN TUNA	\$ 38	\$ 60	\$ 18	\$ 116
	1	41	11	53
WAHOO	\$ 3	\$ 70	\$ 14	\$ 87
	54	56	31	141
OTHER FISH	\$ 65	\$ 95	\$ 48	\$ 208
	1	3	13	17
SHELLFISH	\$ 2	\$ 12	\$ 34	\$ 48
	251	481	445	977
SUB-TOTAL	\$254	\$420	\$551	\$ 1,225
	***	***	***	287,258
GRAND TOTAL				\$112,983

^{1/} Cannery tuna data are combined to protect confidential data from the two canneries located on American Samoa. The reader should also be aware of the following limitations on the non-cannery data. CNMI data represent commercial landings on the island of Saipan only. It is estimated that these figures are about 90% of total CNMI landings. Guam data was collected from the three major wholesalers on Guam which are estimated to handle about 90% of the total commercial catch. American Samoa data includes landings made on Tutuila, Ofu, and Olesaga. The totals are estimated to be about 75% of the total landings by weight. Values for some records were estimated.

Source: Cannery tuna data from NMFS, Southwest Region
Non-cannery data from WPACFIN data base

CANNED TUNA INDUSTRY

U.S. Tuna Pack

The 1984 U.S. pack of canned tuna was 614.3 million pounds (31.0 million standard cases) valued at \$872.2 million. The pack increased 23.7 million pounds and \$13.6 million in value compared to 1983. The albacore tuna pack was 136.7 million pounds (up 30.5 million pounds compared to 1983) and the light meat pack was 477.6 million pounds (down 6.8 million pounds compared to 1983). Including record imports of canned tuna (162.3 million pounds) the total U.S. supply was 776.6 million pounds, and U.S. consumption was up to 3.2 pounds per capita.

The 1984 U.S. tuna pack was canned by three plants in California, two in American Samoa, one in Hawaii, and five in Puerto Rico. There was also an insignificant amount of tuna packed in Washington and Oregon. The bulk of production continued to move to offshore plants (mostly to Puerto Rico). Production in California plants was 22 percent of the total in 1984 compared to 35 percent in 1983. At the end of 1984 only one plant (Pan Pacific) was packing tuna in California. The Ralston Purina "Van Camp" plant in San Diego closed at the end of June and the Star Kist Terminal Island plant closed their tuna lines in October.

Tuna Purse Seine and Baitboat Fleet

At the end of 1984, 130 vessels with a carrying capacity of 113,269 short tons made up the U.S. (purse seine and baitboat) tuna fleet. During 1984 the U.S. fleet lost a total of 16 vessels with a capacity of 14,954 short tons. Only one vessel, a 125 short tons baitboat, entered the fleet in 1984. Much of the fleet left the Western Pacific (WP) and returned to fish in the Eastern Tropical Pacific (ETP), drawn by good fishing for higher priced yellowfin tuna. During the first quarter of 1984, carrying capacity fishing in the ETP was 25,000 tons while that in the WP was 74,000 tons. By the last quarter of 1984, capacity fishing in the ETP was up to 40,000 tons and capacity in the WP was down to 52,000 tons. Prices received by the fleet continued to decline in 1984 as shown by the table below.

TABLE 7. WEIGHTED AVERAGE EXVESSEL PRICE
FOR CANNERY FISH

	Albacore	Skipjack	Yellowfin
	Dollars per short ton.....		
1979	1,286	728	863
1980	1,659	1,063	1,180
1981	1,800	1,030	1,170
1982	1,387	965	1,123
1983	1,268	799	1,032
1984	1,252	760	982

Using an average of 14 fishermen per vessel, the tuna fleet employed about 1,820 fishermen (not all U.S. citizens).

Employment in Canning Plants

The five tuna canning plants in Puerto Rico employed a seasonal high 6,420 employees, and an average of 5,859 employees in 1984. The six Pacific area tuna canning plants (3 in California, 2 in American Samoa, 1 in Hawaii) employed a seasonal high 6,425 employees, and an average of 4,510 employees in 1984. Due to closure of two plants in California during the year, California tuna cannery employment was down about 1,900 averaged over the year.

Cannery Receipts and Case Pack Tables

TABLE 8. CANNERY RECEIPTS

SPECIES	PACIFIC AREA		PUERTO RICO		TOTAL	
	1983	1984	1983	1984	1983	1984
	Short tons.....					
DOMESTIC:						
Albacore	10,466	10,323	4	3,565	10,470	13,888
Skipjack	113,465	94,152	41,608	51,441	155,073	145,593
Yellowfin*	90,052	59,907	30,044	35,193	120,096	95,100
Total	213,983	164,382	71,656	90,199	285,639	254,581
IMPORTED:						
Albacore	22,750	21,962	50,105	70,882	72,855	92,844
Skipjack	50,633	28,737	84,675	106,136	135,308	134,873
Yellowfin*	14,081	12,685	24,251	29,045	38,332	41,730
Total	87,464	63,384	159,031	206,063	246,495	269,447
Grand Total	301,447	227,766	230,687	296,262	532,134	524,028

* Yellowfin category includes bigeye and blackfin tuna.

TABLE 9. CASE PACK

SPECIES	PACIFIC AREA		PUERTO RICO		TOTAL	
	1983	1984	1983	1984	1983	1984
	Thousand standard cases*.....					
	Thousand dollars (Wholesale).....					
WHITE MEAT	1,743	1,952	3,384	4,632	5,127	6,584
	\$ 66,977	\$ 75,887	\$130,034	\$180,075	\$197,011	\$255,962
LIGHT MEAT	14,772	11,825	10,042	12,636	24,814	24,461
	\$393,848	\$297,924	\$267,738	\$318,356	\$661,586	\$616,280
TOTAL	16,515	13,777	13,426	17,268	29,941	31,045
	\$460,825	\$373,811	\$397,772	\$498,431	\$858,597	\$872,242

* A standard case equals 21 pounds for solid pack, 19.5 pounds for chunk, and 18 pounds for flakes and grated.

Sources: NMFS, Southwest Region, Industry Analysis and Information Section, and Fisheries of the United States, 1984

IMPORTS

U.S. imports of edible fishery products continued at record levels in 1984. Imports were 2.5 billion pounds valued at \$2.7 billion dollars. Imports of products affecting Southwest Region fisheries were also at record levels in 1984. For example, canned tuna in brine imports reached 162.0 million pounds an increase of 39.9 million pounds over the previous record in 1983. Imports of fresh and frozen fillets and steaks reached 473.6 million pounds (33.9 million over 1983), and imports of fresh and frozen salmon reached 23.5 million pounds (7.8 million over 1983). Imports of peeled (mostly cooked) shrimp from Norway reached 10.5 million pounds (2.5 million over 1983).

Though imports of surimi based products are not fully reflected in Bureau of the Census figures, data collected for use in "Fishery Market News" show 28.8 million pounds entered through California ports in 1984, an increase of 86%.

TABLE 10. 1984 IMPORTS OF EDIBLE FISHERY PRODUCTS
THROUGH CALIFORNIA AND HAWAII PORTS

	CALIFORNIA		HAWAII	
	POUNDS	DOLLARS	POUNDS	DOLLARS
FISH:	THOUSANDS.....			
FRESH/FROZEN/CURED				
Cod (all types)	6,175	6,679	16	30
Mackerel	1,195	1,075	66	42
Salmon	2,586	8,531	16	57
Swordfish*	1,924	3,377	2	3
Tuna	46,262	26,270	4,911	4,142
CANNED:				
Mackerel	493	395	345	170
Sardine	8,002	6,536	264	136
Tuna	44,501	47,046	362	376
SHELLFISH:				
FRESH/FROZEN/CURED				
Crab	2,734	9,988	114	241
Lobster	12,176	93,391	387	3,806
Scallops	5,984	25,813	252	1,183
Shrimp	60,235	202,521	525	1,622
CANNED:				
Crab	2,457	6,398	66	252
Oyster	7,473	7,890	661	432
Shrimp	9,968	18,574	26	51
All others	97,670	136,179	9,138	12,659
GRAND TOTAL	309,835	600,663	17,151	25,202
PERCENTAGE OF NATIONAL TOTAL	13.1	16.3	0.7	0.7

NOTE: Dollar values are customs value (the price paid for merchandise excluding freight, insurance, and other charges).

* Census data does not include swordfish fillets. "Fishery Market News" shows 8.9 million pounds of swordfish (all types) entered California ports.

SOURCE: U.S. Bureau of the Census

EXPORTS

U.S. exports of edible fishery products, hampered by the high value of the U.S. dollar, dropped to 574.1 million pounds valued at \$842.3 million, compared to 601.9 million pounds valued at \$907.7 million in 1983.

1984 exports of edible fishery products through California ports followed the national trend, dropping to 26.7 million pounds valued at \$46.8 million, compared to 44.2 million pounds valued at \$63.9 million in 1983. Export categories showing large declines in 1984 were, fish roe (down 3.1 million pounds, \$4.9 million), herring (down 8.6 million pounds, \$8.0 million), and salmon (down 1.9 million pounds, \$3.5 million). No export categories showed significant increases in 1984 compared to 1983.

TABLE 11. 1984 EXPORTS OF EDIBLE FISHERY PRODUCTS
THROUGH CALIFORNIA AND HAWAII PORTS

	CALIFORNIA		HAWAII	
	POUNDS	DOLLARS	POUNDS	DOLLARS
	THOUSANDS.....			
FISH:				
FRESH/FROZEN/CURED				
Fish roe	1,566	4,996	-	-
Herring	6,515	4,814	-	-
Mackerel	316	85	-	-
Sablefish	229	249	-	-
Salmon	863	1,411	-	-
Other fish	7,439	11,743	352	358
CANNED FISH	5,857	7,687	3	6
SHELLFISH:				
FRESH/FROZEN/CURED				
Sea urchin roe	1,130	5,816	-	-
Shrimp	1,253	4,152	76	178
Squid	156	220	1	2
Other shellfish	948	3,721	1	2
CANNED SHELLFISH	452	1,911	1	5
GRAND TOTAL	26,724	46,805	434	551
PERCENTAGE OF NATIONAL TOTAL	4.7	5.6	0.1	0.1

NOTE: Dollar values are customs value (the price paid for merchandise excluding freight, insurance, and other charges).

SOURCE: U.S. Bureau of the Census, except sea urchin roe which was estimated from Japanese import data.

